

ABSTRACT OF DISCLOSURE

An image forming apparatus is configured to facilitate design modification. The image forming apparatus has an engine mechanism to carry out a printing job with respect to a print data applied from an external device, an image processing unit to convert the print data into image data, and an engine controlling unit to control the engine mechanism to carry out the print job with respect to the image data. The engine controlling unit and the image processing unit are arranged on a single printed circuit board (PCB) in which a first and a second division are defined, with the engine controlling unit being arranged in the first division and the image processing unit being arranged in the second division. A circuit element in the second division is shared by the engine controlling unit and the image processing unit to reduce costs and redesign time.